

Atty. Dkt. No. 99PS018/KE

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Please cancel claims 1-14 and 20-26 without prejudice.

1-14. (Cancelled).

15. (Currently Amended) A system for gathering data from a commercial airline display unit, the system comprising:

an electronic unit for requesting and receiving said data, said electronic unit requesting said data by ~~coupling~~ providing a first signal to the commercial airline display unit a predetermined number of times within a predetermined time interval;

said airline display unit receiving said data ~~request~~ first signal and providing ~~superimposing~~ superimposed said data in the form of a serial data stream upon a static status signal, said superimposed data being ~~coupled~~ provided to said electronic unit; and

a receiver within the electronic unit receiving and decoding the superimposed data.

16. (Currently Amended) A system as recited in claim 15 wherein the electronic unit comprises a commercial aircraft tapping unit.

17. (Currently Amended) A system as recited in claim 15 wherein the static status signal comprises the "on indicator" on pin 8 of an ARINC 722 connector.

18. (Currently Amended) A system as recited in claim 15 wherein the first signal is the power control on signal.

Atty. Dkt. No. 99PS018/KE

19. (Currently Amended) A system as recited in claim 15 wherein the first signal is ~~coupled~~ provided to pin 6, the power control on input, of an ARINC 722 connector on said commercial airline display unit.

20-26. (Cancelled).

27. (New) A system as recited in claim 15 wherein the display is part of an in-flight entertainment system.

28. (New) A system as recited in claim 15 wherein said airline display unit further comprises:

an ARINC connector;

a power on detection circuit coupled to receive a power-on signal along pin 6 of said ARINC connector and providing an output signal in response to detection of said power-on signal;

a delay circuit connected to an output of said detection circuit and responsive to said power-on signal to generate a delayed signal; and

said airline display unit responsive to said delay signal for transmitting a plurality of additional status signals.

29. (New) A system as recited in claim 28 wherein said airline display unit responds to a predetermined sequence of additional signals along pin 6 of said ARINC connector to transmit current values of said plurality of additional status signals.

30. (New) A system as recited in claim 28 wherein said airline display unit further comprises a memory device for storing said plurality of additional status signals upon the occurrence of said built-in-test signal indicating a failure of said display unit.

31. (New) A system for gathering data from a commercial airline display unit, the system comprising:

Atty. Dkt. No. 99PS018/KE

electronic unit means for requesting and receiving said data, said electronic unit requesting said data by providing a first signal to the commercial airline display unit;

said airline display unit receiving said first signal and providing said data as superimposed data in the form of a serial or modulated data stream upon a static status signal, said superimposed data being provided to said electronic unit; and

receiver means within the electronic unit for receiving and decoding the superimposed data.

32. (New) A system as recited in claim 31 wherein the electronic unit means comprises a commercial aircraft tapping unit.

33. (New) A system as recited in claim 32 wherein the static status signal comprises the "on indicator" on pin 8 of an ARINC 722 connector.

34. (New) A system as recited in claim 33 wherein the first signal is the power control on signal.

35. (New) A system as recited in claim 31 wherein the first signal is coupled to pin 6, of an ARINC 722 connector on said commercial airline display unit.

Atty. Dkt. No. 99PS018/KE

36. (New) A system as recited in claim 31 wherein said airline display unit further comprises:

an ARINC connector;

a power on detection means for receiving a power-on signal along pin 6 of said ARINC connector and providing an output signal in response to detection of said power-on signal;

a delay circuit means for responding to said output signal to generate a delayed signal; and

said airline display unit responsive to said delay signal for transmitting a plurality of additional status signals, wherein the additional status signals are provided as superimposed data.

37. (New) A system as recited in claim 36 wherein said airline display unit responds to a predetermined sequence of additional signals along pin 6 of said ARINC connector to transmit current values of said plurality of additional status signals.

38. (New) A system as recited in claim 37 wherein said airline display unit further comprises a memory means for storing said plurality of additional status signals upon the occurrence of said built-in-test signal indicating a failure of said display unit.

39. (New) A method of gathering data from a commercial airline display unit, the method comprising:

requesting said data with an electronic unit from a commercial airline display unit, said electronic unit requesting said data by providing a first signal to the commercial airline display unit;

providing superimposed data in the form of a serial or modulated data stream upon a static status signal, said superimposed data being provided to said electronic unit; and receiving and decoding the superimposed data.

Atty. Dkt. No. 99PS018/KE

40. (New) A system as recited in claim 39 wherein the static status signal comprises the "on indicator" on pin 8 of an ARINC 722 connector.

41. (New) A system as recited in claim 40 wherein the first signal is the power control on signal.